

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An organic electroluminescence (EL) device, comprising:  
  
a substrate;  
  
a first electrode on the substrate;  
  
an organic emitting layer on the first electrode; and  
  
a second electrode ~~having a stack of at least one transparent thin film layer on the~~  
  
organic emitting layer;  
  
wherein the ~~transparent thin film layer of the second electrode includes~~ comprises a  
plurality of sets of stacked layers, each of the plurality of sets of stacked layers comprising at least  
a first layer of a metal, and a second layer of a transparent material;  
  
~~wherein the first layer and the second layer are stacked alternately; and~~  
  
wherein the ~~second electrode comprises two or more sets of the first layer and the second~~  
~~layer stack alternately, and each set of the first and second~~ stacked layers is formed directly on an  
adjacent set of the ~~first and second~~ stacked layers such that a first layer is positioned between  
respective second layers of adjacent sets of stacked layers.

2. (Previously Presented) The device as claimed in claim 1, wherein the first electrode is formed of a material selected from the group consisting of ITO, Al, and Ag.

3. (Original) The device as claimed in claim 1, wherein the organic emitting layer includes a stack of a hole injecting layer, a hole transport layer, an emitting layer, an electron transport layer, and an electron injecting layer formed on the first electrode or the second electrode in succession.

4.-5. (Canceled)

6. (Previously Presented) The device as claimed in claim 1, wherein the first layer is formed of a material selected from Ag, Al, Cr, Mo, Au, Pt, Sn, Ln, Mg, Al:Li, Ag:Mg, or Ag:Li; and the second layer is formed of a material selected from ITO, IZO, TiO<sub>2</sub>, SiO<sub>2</sub>, or Si<sub>3</sub>N<sub>4</sub>.

7. (Currently Amended) The device as claimed in claim 1, wherein the ~~transparent thin film layer~~ plurality of sets of stacked layers of the second electrode includes [1 -] less than or equal to 100 layers in total.

8. (Previously Presented) The device as claimed in claim 1, further comprising a protection film having at least one transparent thin film layer on the second electrode.

9. (Original) The device as claimed in claim 8, wherein the transparent thin film layer of the protection film includes four layers in total.

10. (Previously Presented) The device as claimed in claim 9, wherein the first layer of the protection film is formed of a material selected from a polymer having a fluorine, stearyl acrylate, lauryl acrylate, 2-phenoxyethyl acrylate, isodecyl acrylate, isooctyl acrylate, isobornyl acrylate, 1,3-butylene glycol acrylate, 1,4-butanediol diacrylate, 1,6-hexanediol diacrylate, ethoxylated bisphenol A diacrylate, propoxylated neophentyl glycol diacrylate, tris(2-hydroxyethyl) isocyanurate triacrylate, or trimethylolpropane triacrylate; the second layer of the protection film is formed of a material selected from SiC, SiO, SiO<sub>2</sub>, or Si<sub>x</sub>N<sub>y</sub>; the third layer of the protection film is formed of a sealant of a silicon compound of an epoxy group or an acryl group; and the fourth layer of the protection film is formed of a material selected from PET, PMMA, or a polymer having a fluorine group.

11. (Currently Amended) An organic EL device comprising:  
a substrate;

a first electrode on the substrate;

an organic emitting layer on the first electrode;

a second electrode ~~having an alternate comprising a plurality of layers, the plurality of layers forming an alternating stack of at least one metal layer layers and at least a transparent thin film layer layers on the organic emitting layer such that transparent film layers are separated by a metal layer; and~~

a protection film having a stack of at least one transparent thin film layer on the second electrode,

wherein the second electrode comprises a plurality of said alternate stacks of said at least one metal layer and said at least one transparent thin film layer, and each alternate stack is formed directly on an adjacent alternate stack.

12. (Previously Presented) The device as claimed in claim 11, wherein the first electrode is formed of a material selected from the group consisting of ITO, Al, and Ag.

13. (Original) The device as claimed in claim 11, wherein the organic emitting layer includes a stack of a hole injecting layer, a hole transport layer, an emitting layer, an electron transport layer, and an electron injecting layer formed on the first electrode or the second electrode in succession.

14. (Previously Presented) The device as claimed in claim 11, wherein the metal layer of the second electrode is formed of a material selected from Ag, Al, Cr, Mo, Au, Pt, Sn, Ln, Mg, Al:Li, Ag:Mg, or Ag:Li; and the transparent thin film layer is formed of a material selected from ITO, 1ZO, TiO<sub>2</sub>, SiO<sub>2</sub>, or Si<sub>3</sub>N<sub>4</sub>.

15. (Original) The device as claimed in claim 11, wherein the second electrode includes 1 - 100 layers in total.

16. (Original) The device as claimed in claim 11, wherein the transparent thin film layer of the protection film includes four layers in total.

17. (Previously Presented) The device as claimed in claim 16, wherein the first layer of the protection film is formed of a material selected from a polymer having a fluorine, stearyl acrylate, lauryl acrylate, 2-phenoxyethyl acrylate, isodecyl acrylate, isooctyl acrylate, iso bornly acrylate, 1,3-butylene glycol acrylate, 1,4-butanediol diacrylate, 1,6-hexanediol diacrylate, ethoxylated bisphenol A diacrylate, propoxylated neophentyl glycol diacrylate, tris(2-hydroxyethyl) isocyanurate triacrylate, or trimethylolpropane triacrylate; the second layer of the protection film is formed of a material selected from SiC, SiO, SiO<sub>2</sub>, or Si<sub>x</sub>N<sub>y</sub>; the third layer of the protection film is formed of a sealant of a silicon compound of an expoxy group or an acryl

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group; and the fourth layer of the protection film is formed of a material selected from PET, PMMA, or a polymer having a fluorine group.

18.-19. (Canceled).

20. (Currently Amended) An organic EL device comprising:

a substrate;

a first electrode on the substrate;

an organic emitting layer on the first electrode;

a second electrode having a plurality of alternate stacks, wherein each of the plurality of alternate ~~stack~~ stacks includes at least one metal layer and at least ~~a~~ one transparent thin film layer on the organic emitting layer; and

a protection film on the second electrode having a stack of at least one transparent thin film layer,

wherein each alternate stack is formed directly on an adjacent alternate stack such that a metal layer is interposed between respective transparent thin film layers of adjacent alternate stacks.

21. (Previously Presented) The device as claimed in claim 1, wherein a total number of the first and second layers in the two or more sets is ten.

22. (Previously Presented) The device as claimed in claim 11, wherein a total number of said at least one metal layer and said at least one transparent thin film layer of the plurality of said alternate stacks is ten.

23. (Previously Presented) The device as claimed in claim 20, wherein a total number of said at least one metal layer and said at least one transparent thin film layer of the plurality of alternate stacks is ten.

24. (New) The device of claim 1, wherein each first layer of each of the plurality of sets of stacked layers is of substantially the same thickness.

25. (New) The device of claim 1, wherein each second layer of each of the plurality of sets of second layers is of substantially the same thickness.

26. (New) The device of claim 1, wherein at least one of the plurality of sets of stacked layers comprises a second layer which includes a first transparent material layer and a second transparent material layer.

27. (New) The device of claim 26, wherein the first transparent material of the second layer is different than the second transparent material of the second layer.

28. (New) The device of claim 1, wherein each of the plurality of sets of stacked layers comprises a second layer which includes a first transparent material layer and a second transparent material layer, and wherein the first transparent material and the second transparent material are different from each other.

29. (New) The device of claim 1, wherein each first layer of each of the plurality of sets of stacked layers is of substantially the same thickness.

30. (New) The device of claim 11, wherein each of the metal layers are of substantially equal thickness.



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31. (New) The device of claim 11, wherein each of the transparent thin film layers are of substantially equal thickness.

32. (New) The device of claim 20, wherein each at least one metal layer of the plurality of alternate stacks is of substantially equal thickness.

33. (New) The device of claim 20, wherein each at least one transparent thin film layer of the plurality of alternate stacks is of substantially equal thickness.